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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/830,005	04/21/2001	Phillip G. Spaniol	FT0002R	9406

7590 12/27/2006  
Law Offices of Kevin D. Kaschke, Ltd.  
SUITE 302  
3837 EAST MAIN STREET  
SAINT CHARLES, IL 60174

EXAMINER
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UNDERWOOD, DONALD W

ART UNIT	PAPER NUMBER
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3652

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	12/27/2006	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Office Action Summary**

Application No.

09/830,005

Applicant(s)

SPANIOL ET AL.

Examiner

Donald Underwood

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 03 October 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☒ Claim(s) 31-35 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### DETAILED ACTION

Receipt of five sheets of drawings filed 10/03/06 is acknowledged. Each of these sheets should have been labeled annotated sheet. Moreover, applicants' remarks do not indicate how many sheets were filed. Thus it is unclear how many sheets were filed. Further, applicants have not addressed the new matter concern set forth in the Office action mailed 03/28/06. The drawing objection set forth in the Office action mailed 04/05/06 is herein repeated. Note every feature and numeral on the drawing sheets filed 10/11/06 and not clearly on the original sheets filed 04/21/01 must be clearly identified on an annotated sheet as newly added.

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 2-10 and 14-27 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Regarding claims 2-10, it is unclear how "a determination" in each of these claims is provided.

Regarding claims 14-27, it is unclear how the structures therein are controlled by the controller and/or how the signals are processed.

The following is a quotation of the second paragraph of 35 U.S.C. 112:

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The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 2-10, 13, 14, 20, 25 and 26 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claims 2-10, 14, 20, 25 and 26, it is unclear what structure these claims add. Clarification is required.

Regarding claim 13, it is unclear whether this claim includes a baler and/or a tractor. Note line 1 of the claim includes the tractor in an intended use phrase and lines 5-7 positively claim the tractor.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 1-15 and 17-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over the known baler system disclosed by applicants in lines 22-31 on page 1 of their specification or in Lundell, et al. in view of Eecke, et al. and Vellius and/or Hale, et al.

The known baler system is manually operated as is the baler system in Lundahl. Each baler system is disclosed as containing a pick up, baler and accumulator.

Vellius and Hale disclose automated systems as claimed by applicants for farm equipment.

It would have been obvious to substitute an accumulator as taught Eecke for the accumulator in the baler system disclosed by applicants or Lundahl.

It would also have been obvious to replace the controls in the known baler system or in Lundahl with controls as claimed in view of the automatic controls in Vellius and/or Hale since it would involve only routine skill to replace manual means with mechanical means or automatic means which accomplish the same result. See in re Venner, 120 USPQ 192.

Applicants' arguments regarding the art rejections have been carefully considered but are not deemed persuasive since the baler system in each primary reference comprises an accumulator and the claims do not preclude the pick up and baler and tractor also present in these baler systems. Moreover, accumulators are standard farm equipment and one would be led by that fact to use the system in Vellius in any system comprising an accumulator. As for Hale, combines contain accumulators rendering the use of Hale's system and that in Vellius in the disclosed system or the

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system in Lundahl obvious. Further Hale determines the position of the device in the field and Vellius uses a global positioning device.

Applicants' comments regarding the 35USC 112 rejections have been carefully considered but are not deemed persuasive since they do not address the deficiencies set forth in 112 first paragraph rejection or set forth the structure noted as missing in the 112 second paragraph rejection.

Claims 31-35 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Donald Underwood whose telephone number is 571-272-6933. The examiner can normally be reached on Mon-Thursday 7:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eileen D. Lillis can be reached on 571-272-6928. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

*Donald Underwood* 12/20/06  
Donald Underwood  
Primary Examiner  
Art Unit 3652

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